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                  prophetic substances
 NEWS  4  JAN 28  USPATFULL, USPAT2, and USPATOLD enhanced with new
                  custom IPC display formats
 NEWS  5  JAN 28  MARPAT searching enhanced
 NEWS  6  JAN 28  USGENE now provides USPTO sequence data within 3 days
                  of publication
 NEWS  7  JAN 28  TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS  8  JAN 28  MEDLINE and LMEDLINE reloaded with enhancements
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 NEWS 11  FEB 25  IFIREF reloaded with enhancements
 NEWS 12  FEB 25  IMSPRODUCT reloaded with enhancements
 NEWS 13  FEB 29  WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                  U.S. National Patent Classification
 NEWS 14  MAR 31  IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                  IPC display formats
 NEWS 15  MAR 31  CAS REGISTRY enhanced with additional experimental
                  spectra
 NEWS 16  MAR 31  CA/CAplus and CASREACT patent number format for U.S.
                  applications updated
 NEWS 17  MAR 31  LPCI now available as a replacement to LDPCI
 NEWS 18  MAR 31  EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 19  APR 04  STN AnaVist, Version 1, to be discontinued
 NEWS 20  APR 15  WPIDS, WPINDEX, and WPIX enhanced with new
                  predefined hit display formats
 NEWS 21  APR 28  EMBASE Controlled Term thesaurus enhanced
 NEWS 22  APR 28  IMSRESEARCH reloaded with enhancements

 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
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FILE 'HOME' ENTERED AT 11:00:38 ON 22 MAY 2008

=> file medline caplus embase biotechno scisearch biosis
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.21       0.21

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FILE 'BIOSIS' ENTERED AT 11:01:19 ON 22 MAY 2008
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=> s ksr
L1        1198 KSR

=> s kinase suppressor
L2         582 KINASE SUPPRESSOR

=> s l2 and ras
L3         534 L2 AND RAS

=> s l1 and antisense
L4          22 L1 AND ANTISENSE

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5          12 DUP REM L4 (10 DUPLICATES REMOVED)

=> d ti 1-12

L5   ANSWER 1 OF 12  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   α-Synuclein kinases in transgenic animal model and drug screening
     for Lewy Body-associated diseases

L5   ANSWER 2 OF 12  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Genes of Saccharomyces cerevisiae associated with an increased replicative
     lifespan and their animal orthologs

L5   ANSWER 3 OF 12  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI   Kinase suppressor of Ras inactivation for therapy of Ras mediated
     tumorigenesis.

L5   ANSWER 4 OF 12  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Gene map of the human genes associated with Crohn's disease
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L5 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Inhibition of kinase suppressor of Ras gene expression with antisense nucleic acids in treatment of Ras-mediated tumorigenesis

L5 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
TI Preclinical studies with an antisense phosphorothioate oligodeoxynucleotide (KSR AS-214231; NSC 731442), an inhibitor of Ras signaling.

L5 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Human and murine proteins homologous to kinase suppressor of ras, their genomic and cDNA sequences, and their regulation and use for regulating other cellular functions

L5 ANSWER 8 OF 12 MEDLINE on STN DUPLICATE 1
TI Kinase suppressor of RAS (KSR) amplifies the differentiation signal provided by low concentrations 1,25-dihydroxyvitamin D3.

L5 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Kinase suppressor of Ras antisense inactivation for therapy of Ras mediated tumorigenesis

L5 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
TI Use of antisense oligonucleotides to KSR gene for treatment of hyperproliferative and developmental diseases and cancer

L5 ANSWER 11 OF 12 MEDLINE on STN DUPLICATE 2
TI Pharmacologic inactivation of kinase suppressor of ras-1 abrogates Ras-mediated pancreatic cancer.

L5 ANSWER 12 OF 12 MEDLINE on STN DUPLICATE 3
TI Kinase suppressor of Ras determines survival of intestinal epithelial cells exposed to tumor necrosis factor.

=> d 12

L5 ANSWER 12 OF 12 MEDLINE on STN DUPLICATE 3
AN 2002002066 MEDLINE
DN PubMed ID: 11751383
TI Kinase suppressor of Ras determines survival of intestinal epithelial cells exposed to tumor necrosis factor.
AU Yan F; John S K; Polk D B
CS Department of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, Vanderbilt University School of Medicine, Nashville, Tennessee 37232, USA.
NC CA68485 (United States NCI)
DK20593 (United States NIDDK)
DK56008 (United States NIDDK)
F32 DK10105 (United States NIDDK)
T32 DK07673 (United States NIDDK)
SO Cancer research, (2001 Dec 15) Vol. 61, No. 24, pp. 8668-75.
Journal code: 2984705R. ISSN: 0008-5472.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 200201
ED Entered STN: 2 Jan 2002
Last Updated on STN: 19 Sep 2002

Entered Medline: 10 Jan 2002

=> d ab 12

L5 ANSWER 12 OF 12 MEDLINE on STN DUPLICATE 3
AB The single layer of epithelial cells lining the intestine that serves as an important physical and functional barrier regulating the uptake of nutrients and the exclusion of various environmental antigens is disrupted in inflammatory bowel diseases. A central cytokine in the pathogenesis of inflammatory bowel disease is tumor necrosis factor (TNF), which increases apoptosis in a number of cell types. However, details determining the fate of intestinal cells exposed to high levels of TNF are lacking. Our laboratory reported that kinase suppressor of Ras (KSR) regulates TNF activation of the Raf/mitogen-activated protein (MAP) kinase/extracellular signal-regulated kinase (ERK) kinase/ERK signaling cassette by threonine phosphorylation of Raf-1, regulating proliferation and differentiation pathways. In the present study, we expressed a dominant-negative kinase-inactive KSR and determined the survival of young adult mouse colon cells exposed to TNF. Our data show that inhibition of KSR signaling decreases survival and increases apoptosis of TNF-treated cells. Antiapoptotic pathways including nuclear factor kappa B activation and one of its transcriptional targets, cIAP2 (c inhibitor of apoptosis protein 2) gene expression, and ERK/MAP kinase activation are all inhibited in TNF-treated kinase-inactive KSR-expressing young adult mouse colon cells. These antiapoptotic pathways are also inhibited by antisense-mediated down-regulation of KSR. However, TNF activation of p38 or stress-activated protein kinase/c-Jun NH(2)-terminal kinase is not inhibited by disruption of KSR signaling. Furthermore, inhibitors of both ERK and nuclear factor kappa B activation synergistically enhance apoptosis of cells treated with TNF. These findings demonstrate that KSR plays a novel regulatory role in intestinal epithelial cells exposed to TNF by activating cell survival pathways.

=> d 11

L5 ANSWER 11 OF 12 MEDLINE on STN DUPLICATE 2
AN 2003458692 MEDLINE
DN PubMed ID: 12960962
TI Pharmacologic inactivation of kinase suppressor of ras-1 abrogates Ras-mediated pancreatic cancer.
AU Xing H Rosie; Cordon-Cardo Carlos; Deng Xinzhu; Tong William; Campodonico Luis; Fuks Zvi; Kolesnick Richard
CS Laboratory of Signal Transduction, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, New York 10021, USA.
SO Nature medicine, (2003 Oct) Vol. 9, No. 10, pp. 1266-8. Electronic Publication: 2003-09-07.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200401
ED Entered STN: 2 Oct 2003
Last Updated on STN: 22 Jan 2004
Entered Medline: 21 Jan 2004

=> d 10

L5 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2003:242458 CAPLUS
DN 138:265623
TI Use of antisense oligonucleotides to KSR gene for treatment of hyperproliferative and developmental diseases and cancer
IN Monia, Brett P.; Freier, Susan M.
PA Isis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 102 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 326

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 2003025144 | A2 | 20030327 | WO 2002-US29705 | 20020919 |
| | WO 2003025144 | A3 | 20030821 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 9726244 | A | 19971106 | AU 1997-26244 | 19970624 |
| | AU 713740 | B2 | 19991209 | | |
| | US 6232463 | B1 | 20010515 | US 1998-128508 | 19980804 |
| | US 20030109466 | A1 | 20030612 | US 2001-961001 | 20010920 |
| | AU 2002334599 | A1 | 20030401 | AU 2002-334599 | 20020919 |
| | EP 1436312 | A2 | 20040714 | EP 2002-799002 | 20020919 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| PRAI | US 2001-961001 | A | 20010920 | | |
| | AU 1993-38025 | A3 | 19930225 | | |
| | US 1997-948151 | A1 | 19971009 | | |
| | WO 2002-US29705 | W | 20020919 | | |

=> d 8

L5 ANSWER 8 OF 12 MEDLINE on STN DUPLICATE 1
AN 2004053781 MEDLINE
DN PubMed ID: 14755538
TI Kinase suppressor of RAS (KSR) amplifies the differentiation signal provided by low concentrations 1,25-dihydroxyvitamin D3.
AU Wang Xuening; Studzinski George P
CS Department of Pathology and Laboratory Medicine, UMDNJ-New Jersey Medical School, Newark, New Jersey, USA.
NC R0-1 CA 44722-14 (United States NCI)
SO Journal of cellular physiology, (2004 Mar) Vol. 198, No. 3, pp. 333-42.
Journal code: 0050222. ISSN: 0021-9541.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
LA English
FS Priority Journals
EM 200403
ED Entered STN: 3 Feb 2004
Last Updated on STN: 13 Mar 2004

Entered Medline: 12 Mar 2004

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=> FIL STNGUIDE
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    32.48     32.69

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                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.30     32.99

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